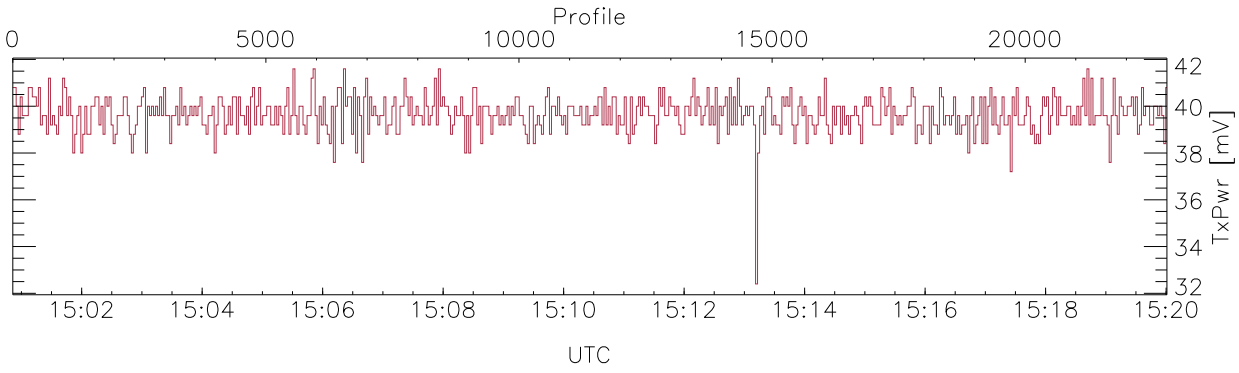
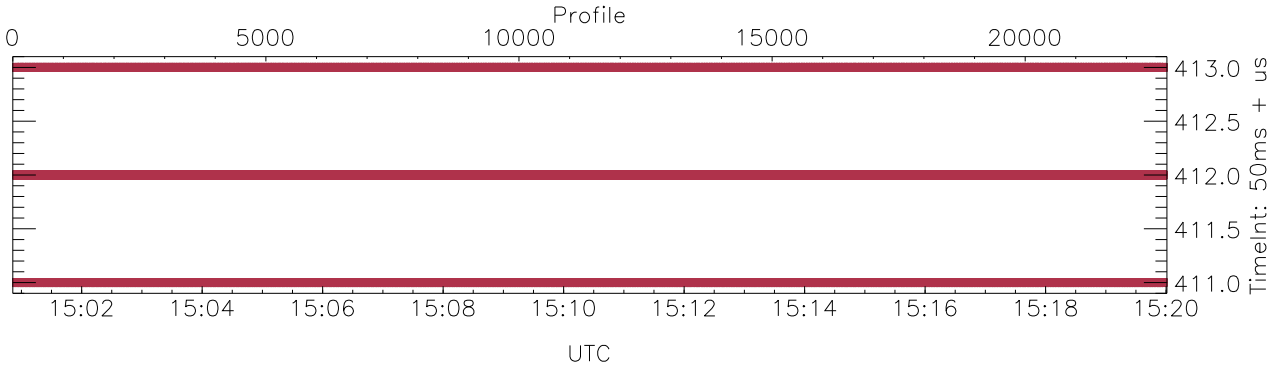
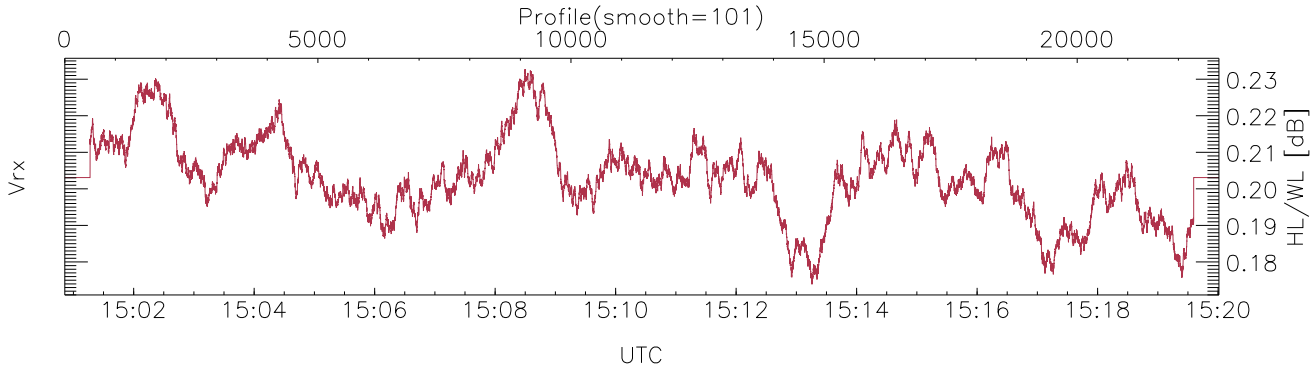
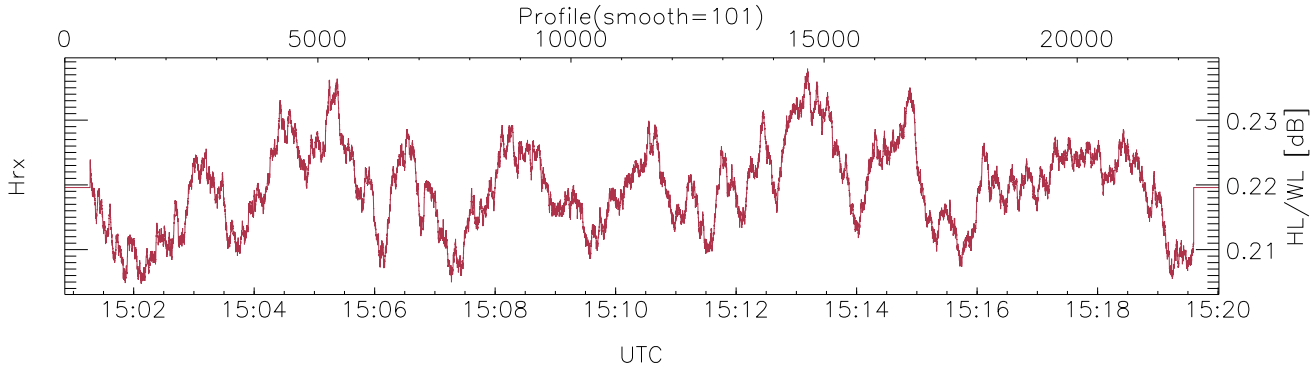


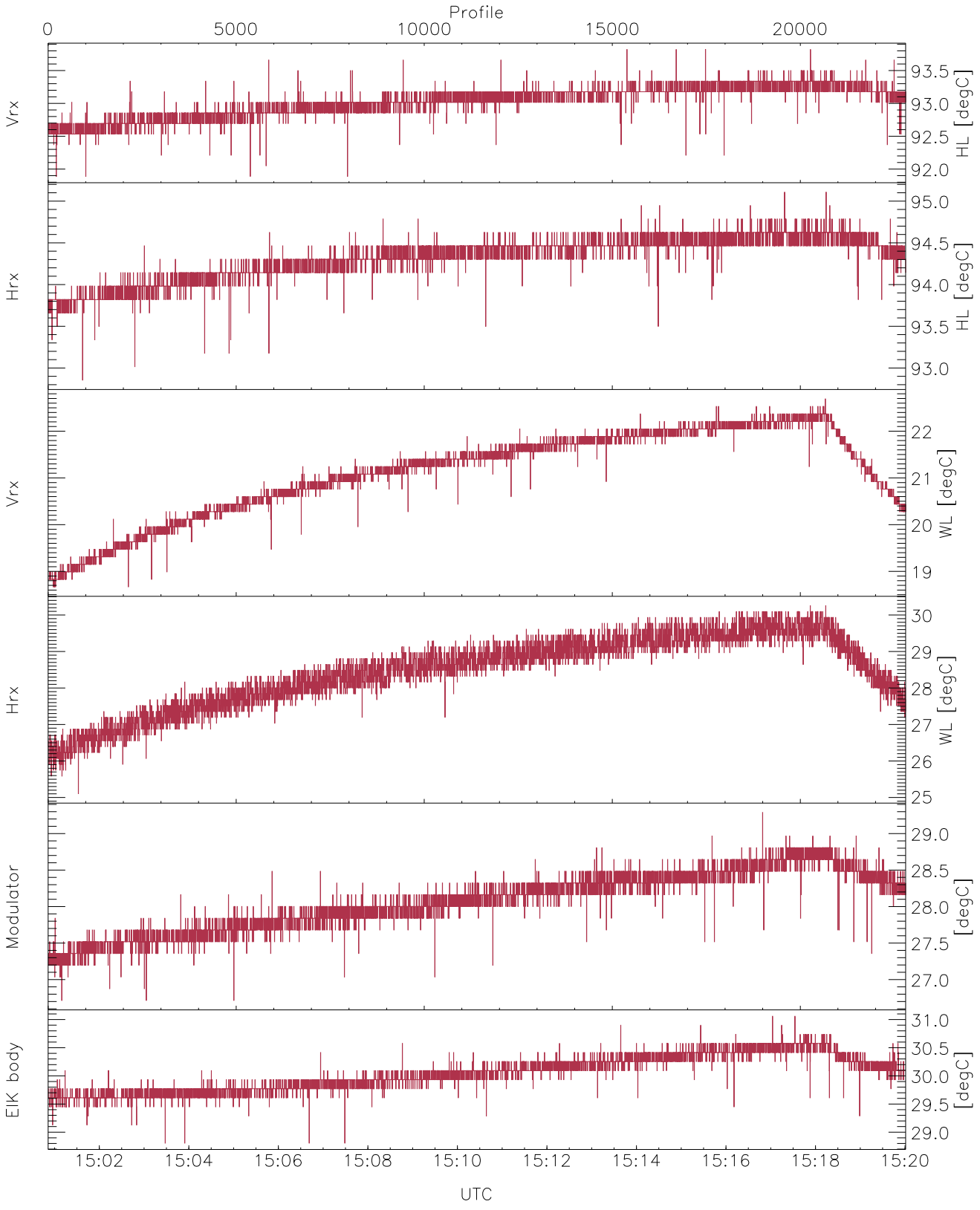






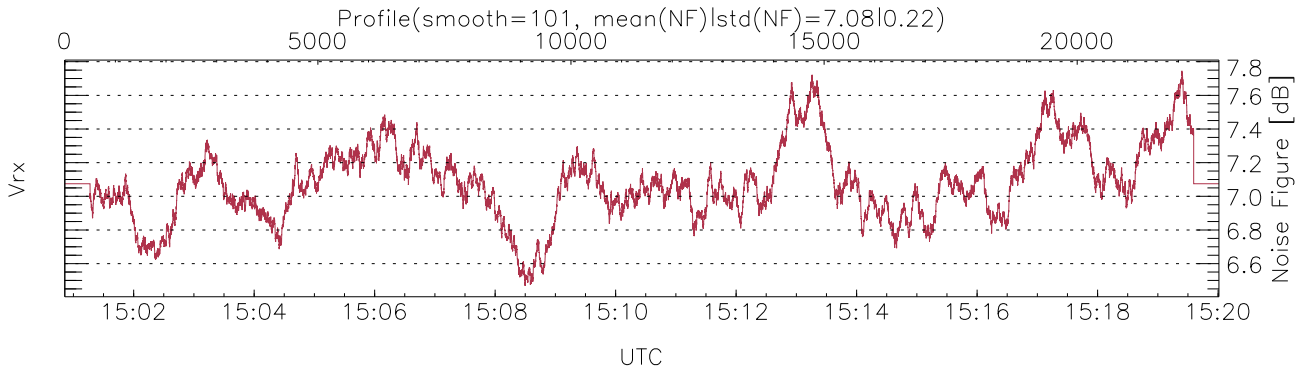
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

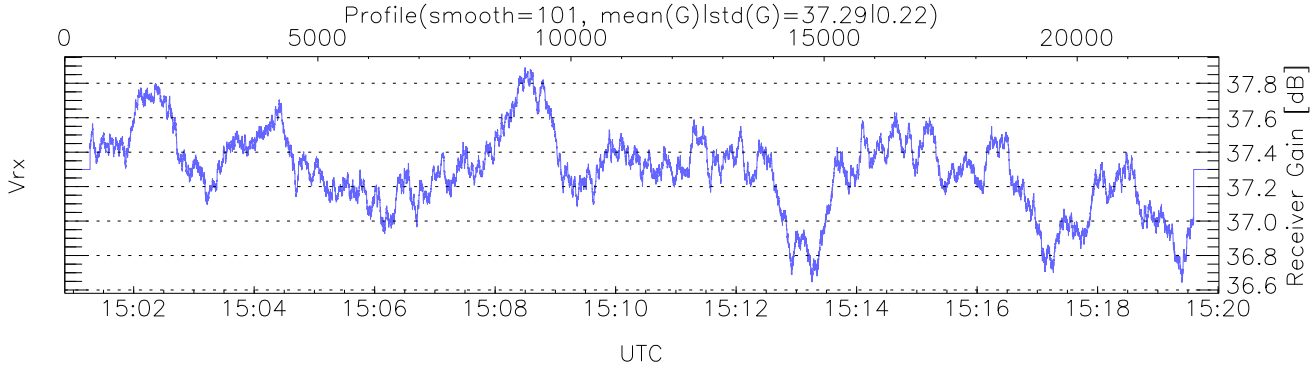
UTC: 15:00:51-15:20:01, Dur: 1149.46s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 22802/22802, 0-22801/15:00:51-15:20:01
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

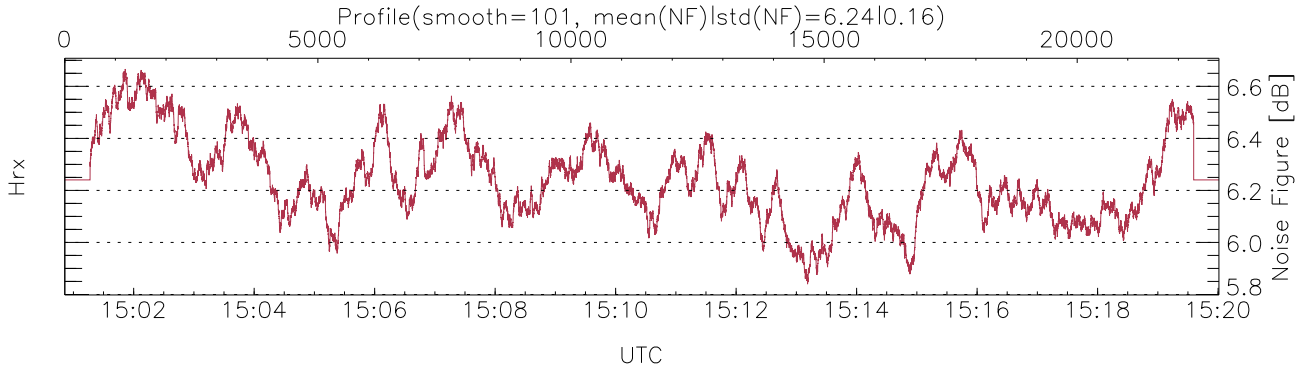


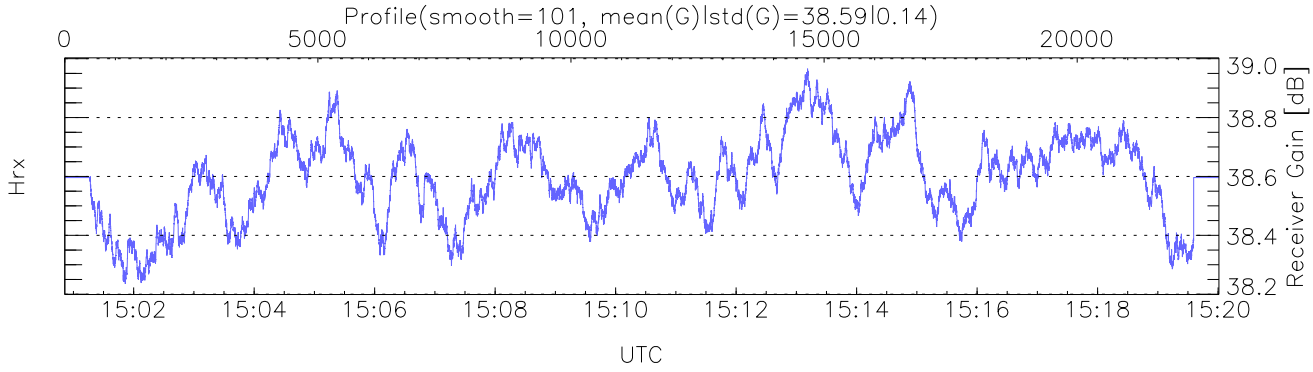
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,18,25,26,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,29,31
LOalarm(20,80,240,2.8,14.8 MHz): 6,0,0,0,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,11,10)



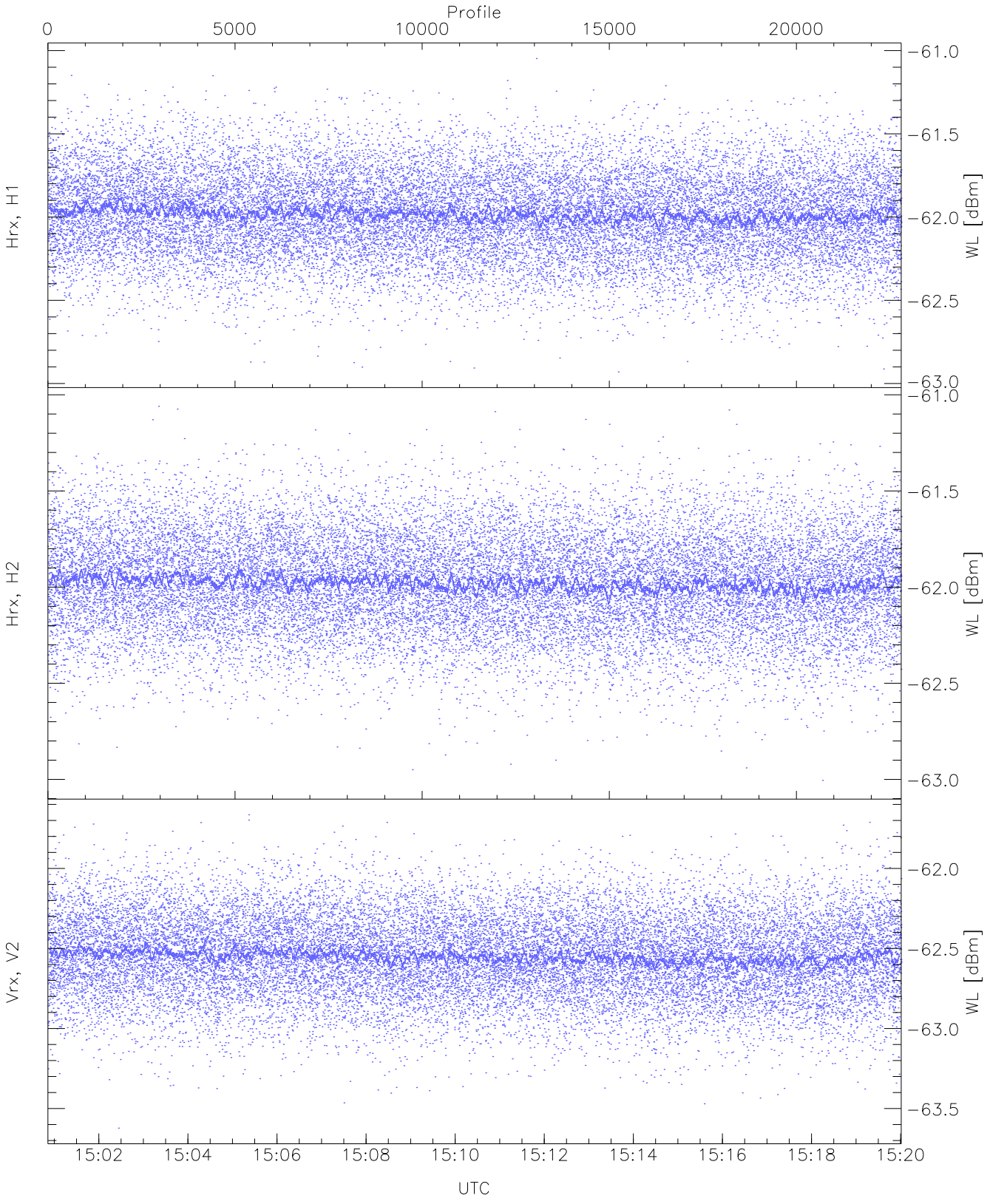






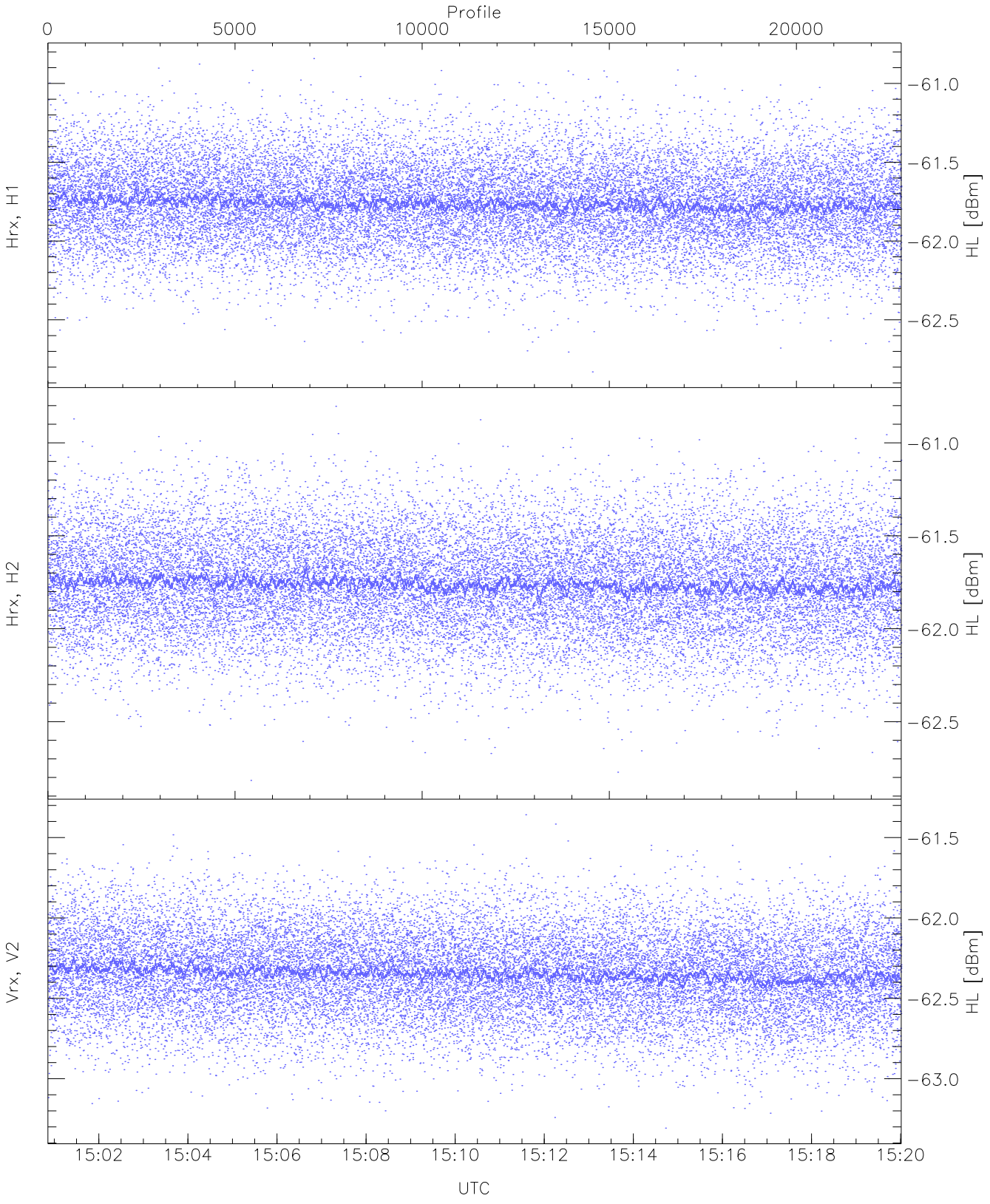
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 10798 pixs, 27 gates, 10504 profs, 2 prods



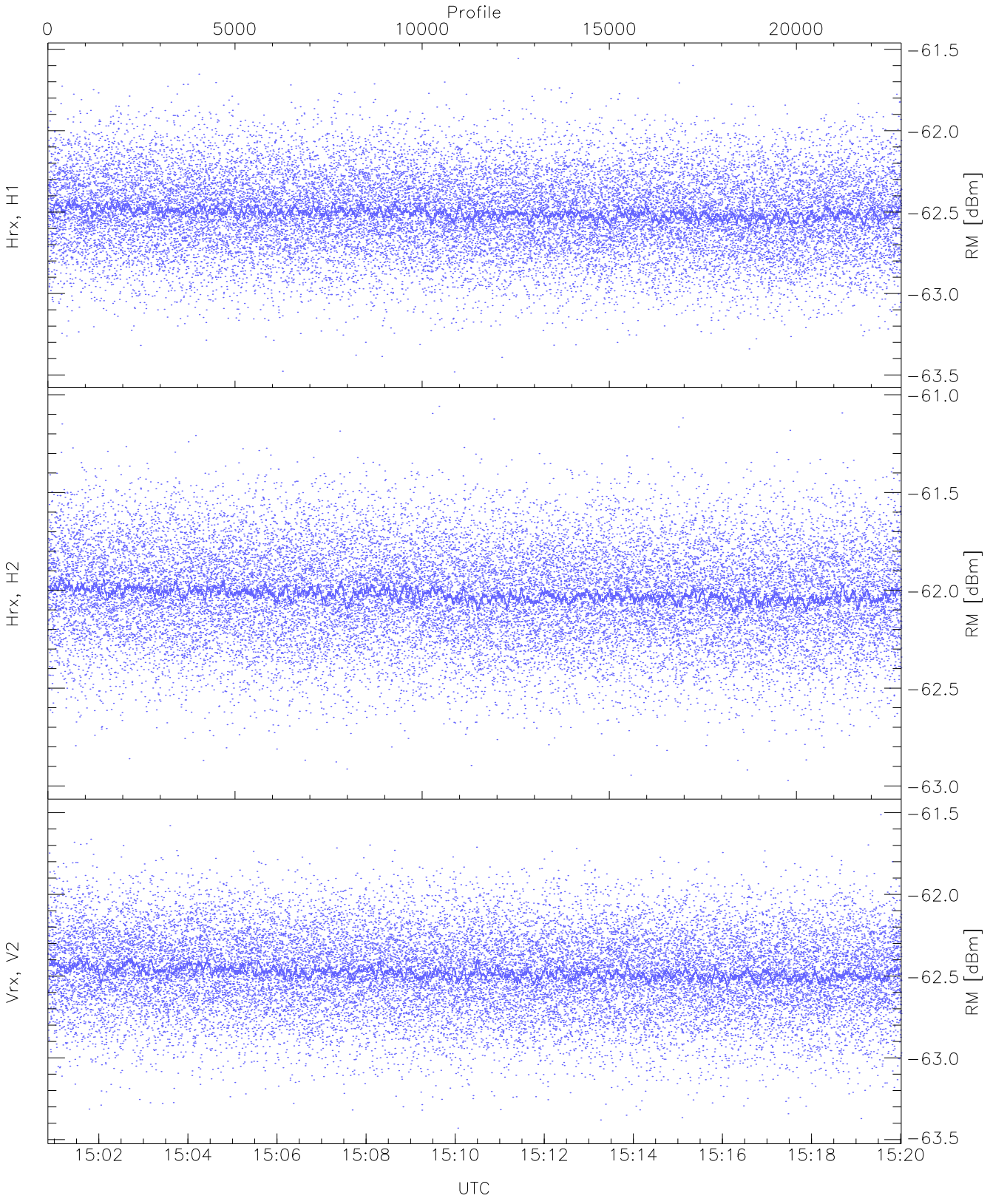
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.93	-61.05	-61.98	-61.98	-74.52
Hrx, H2(WL [dBm])	-63.01	-61.06	-61.98	-61.98	-74.57
Vrx, V2(WL [dBm])	-63.62	-61.66	-62.55	-62.55	-75.10



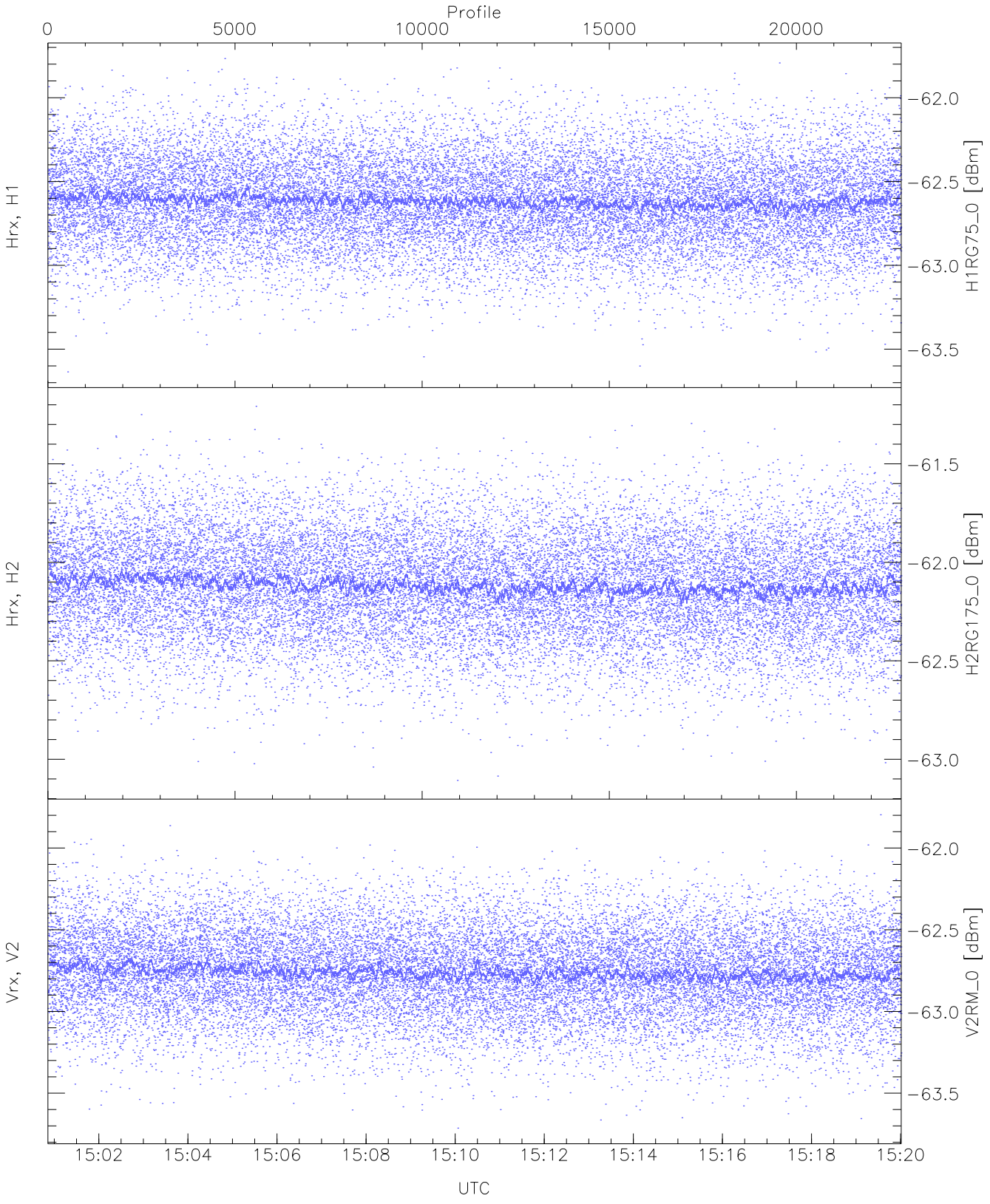
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.83	-60.84	-61.76	-61.76	-74.32
Hrx, H2(HL [dBm])	-62.82	-60.80	-61.76	-61.76	-74.34
Vrx, V2(HL [dBm])	-63.31	-61.36	-62.34	-62.35	-74.88



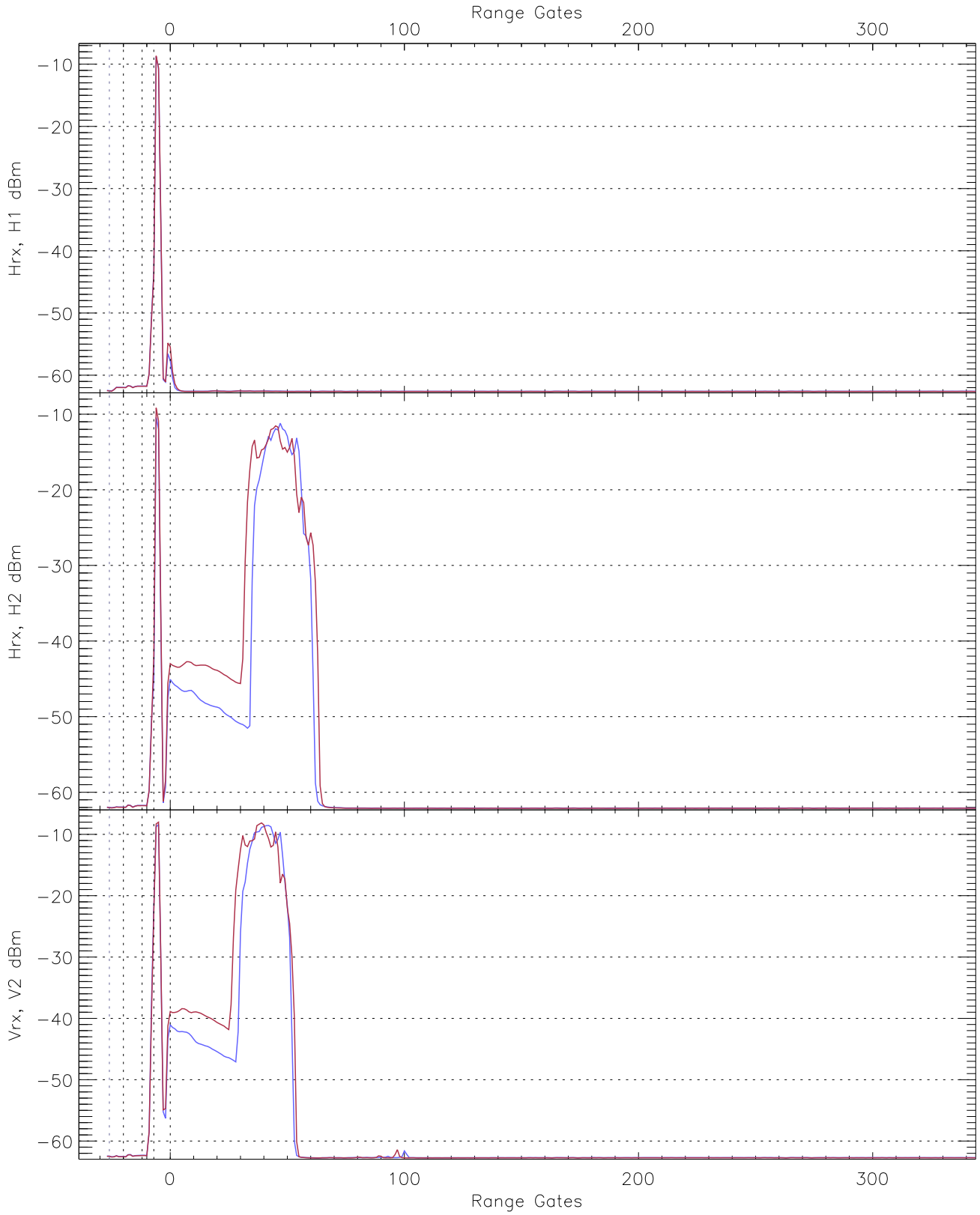
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.48	-61.56	-62.50	-62.51	-75.07
Hrx, H2(RM [dBm])	-62.97	-61.06	-62.02	-62.02	-74.58
Vrx, V2(RM [dBm])	-63.43	-61.51	-62.47	-62.48	-75.01

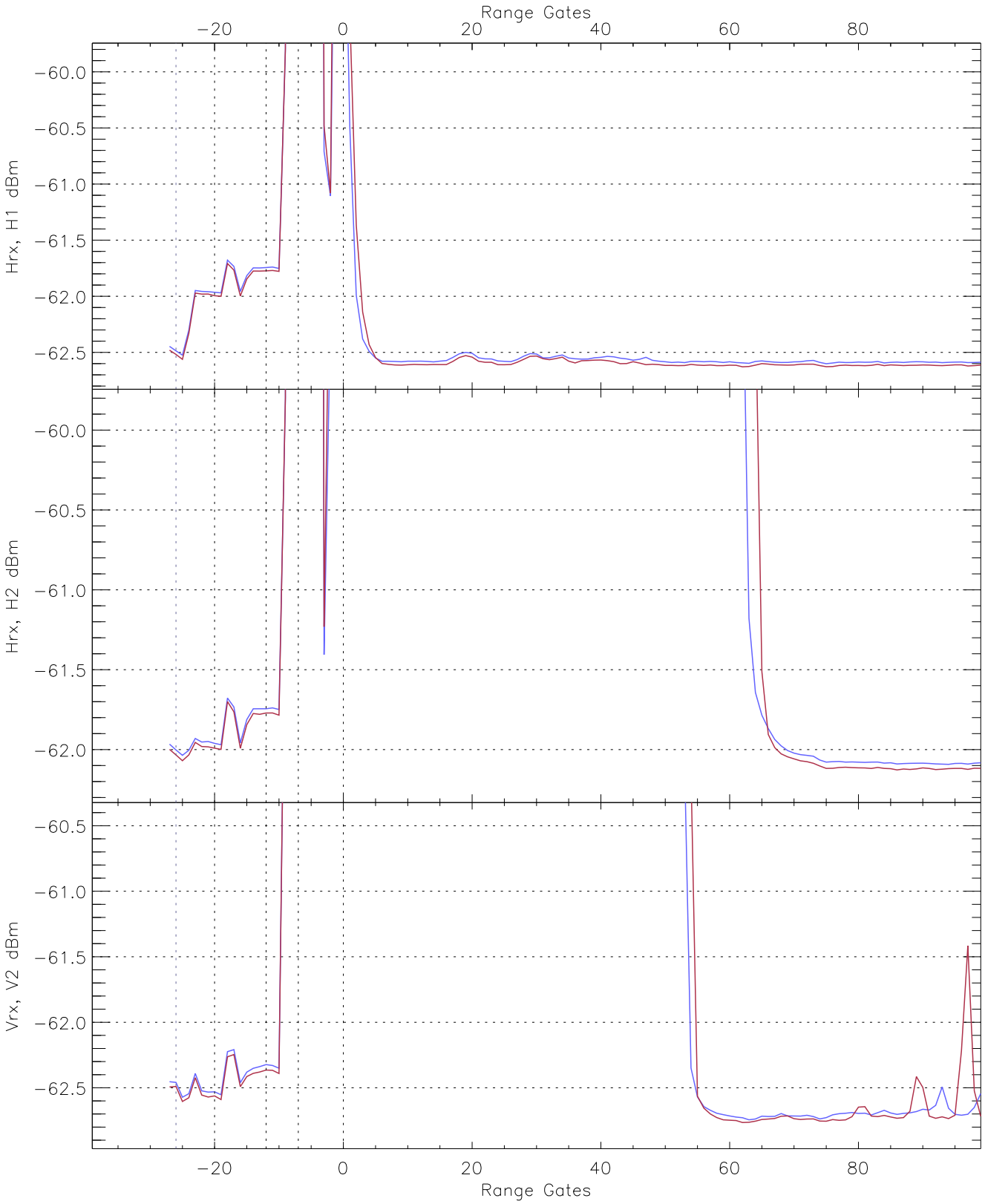


WCR2 CPP "Best" estimate Receivers Noise Power

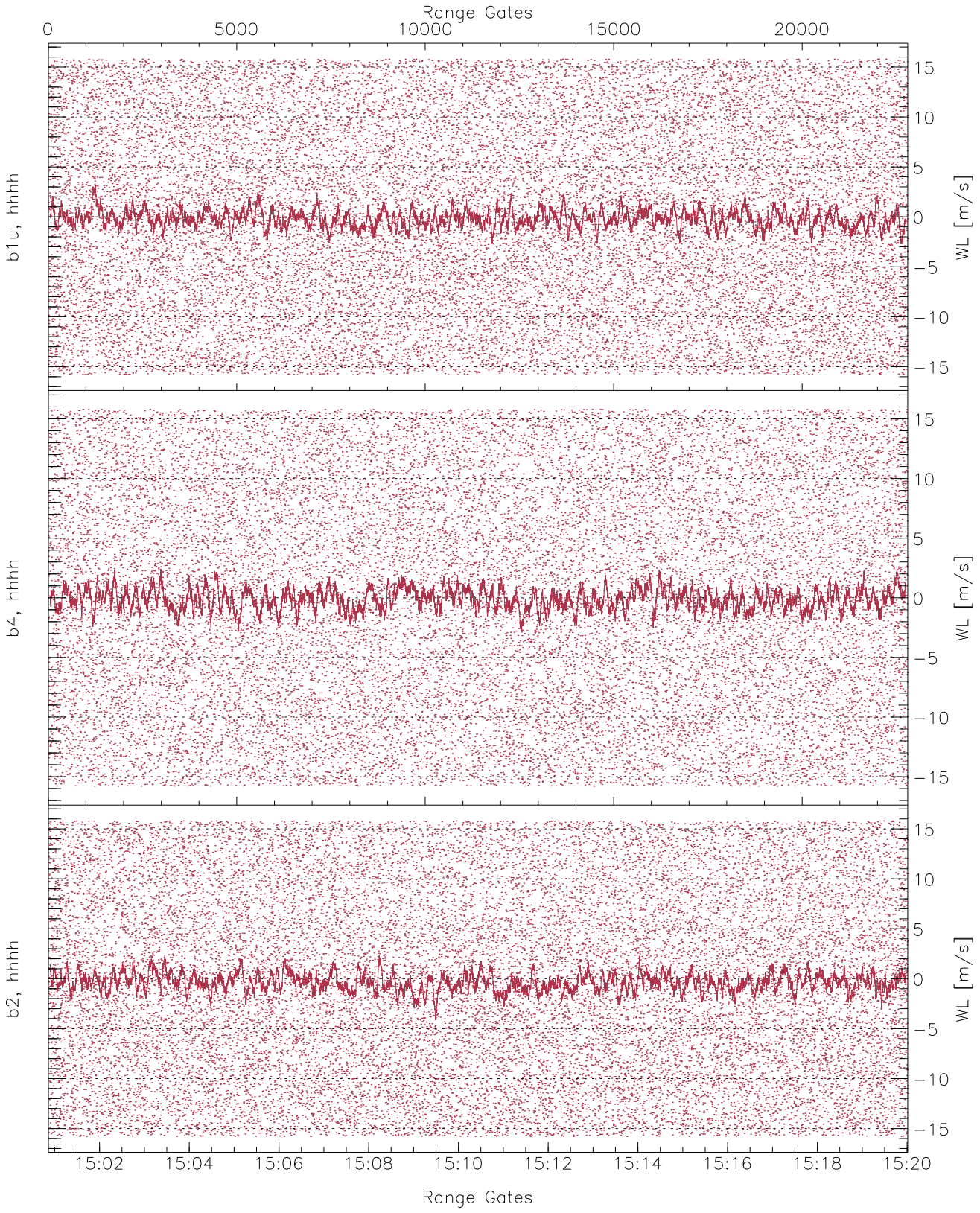
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.64	-61.77	-62.61	-62.62	-75.17
H2RG175_0 [dBm]	-63.11	-61.21	-62.12	-62.12	-74.67
V2RM_0 [dBm]	-63.71	-61.80	-62.76	-62.76	-75.29



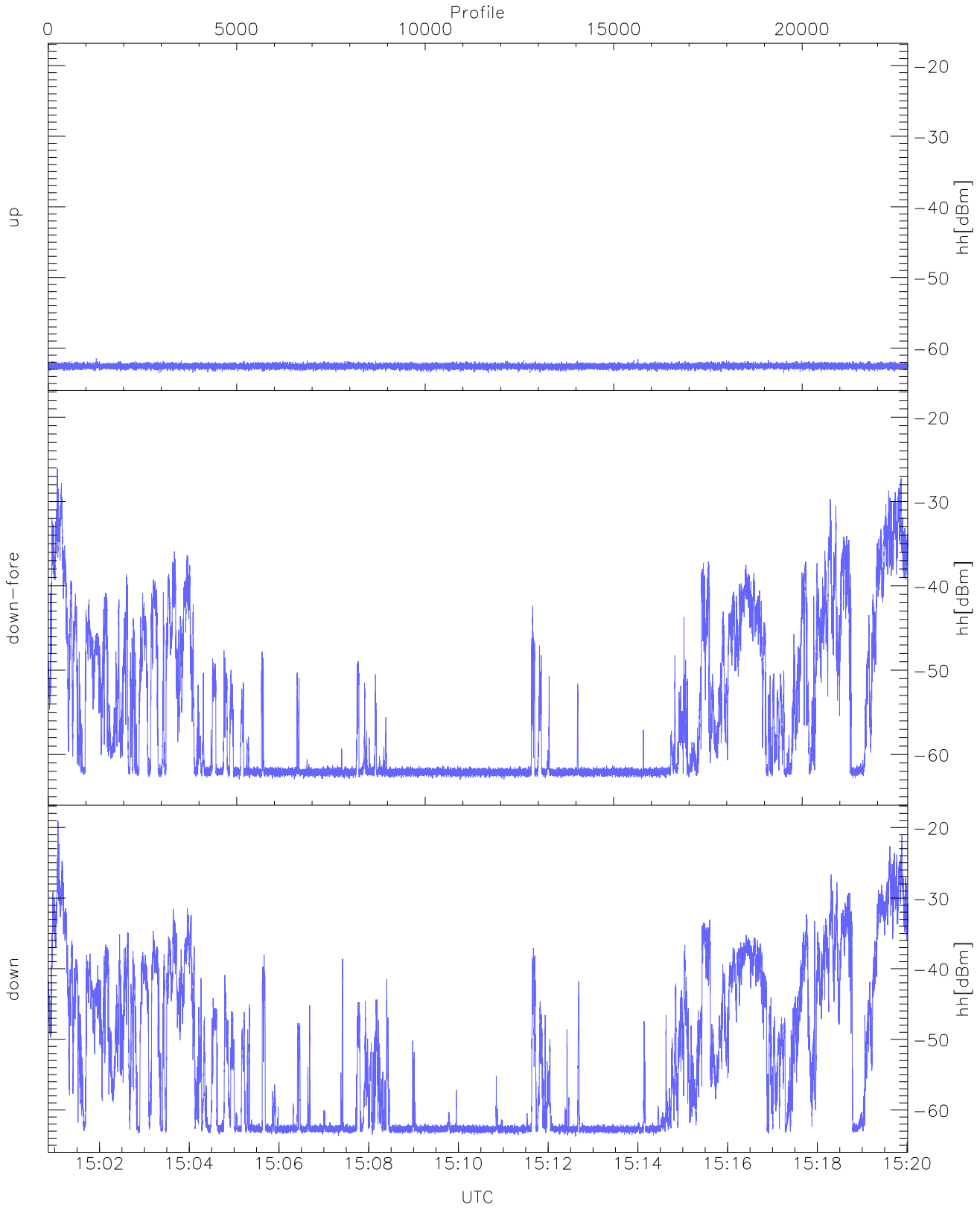
WCR2 CPP Averaged Received power for all recorded gates
blue: 150051-151026, 11402 profiles averaged
red: 151026-152001, 11401 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 150051-151026, 11402 profiles averaged
red: 151026-152001, 11401 profiles averaged

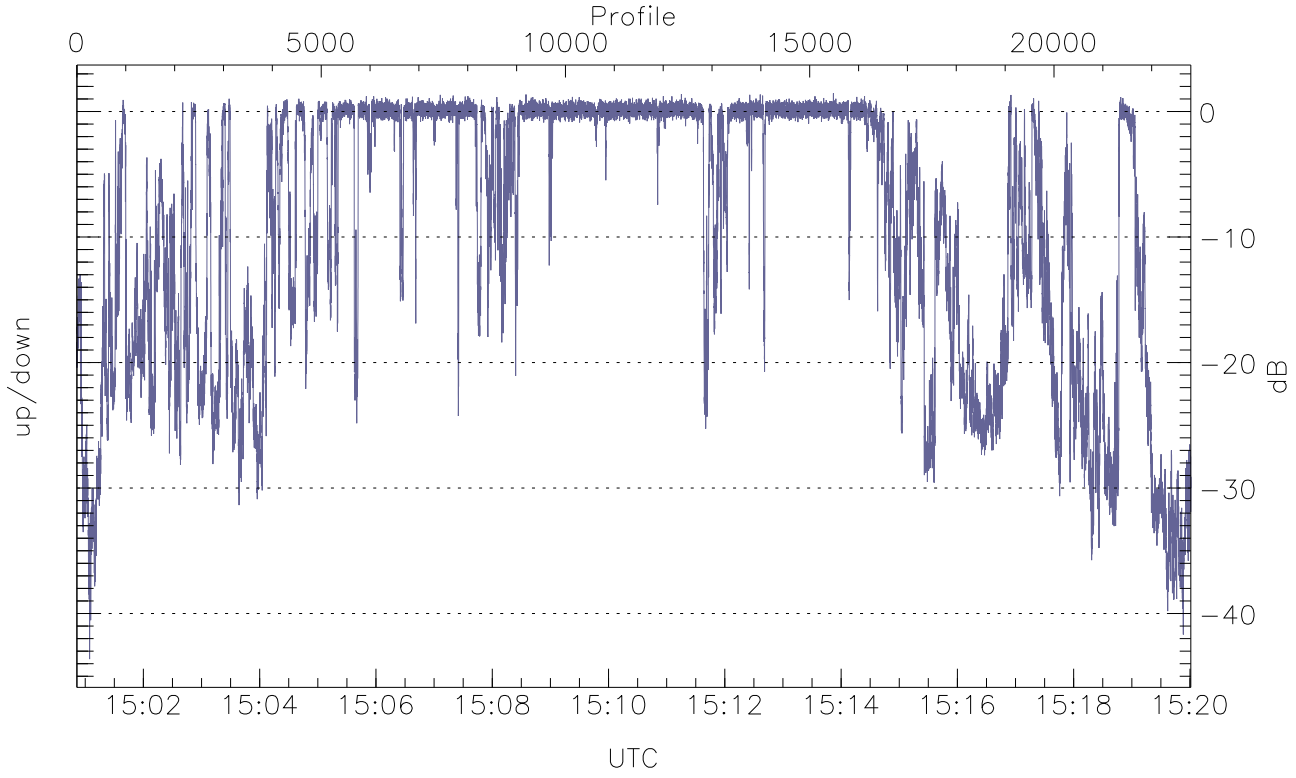


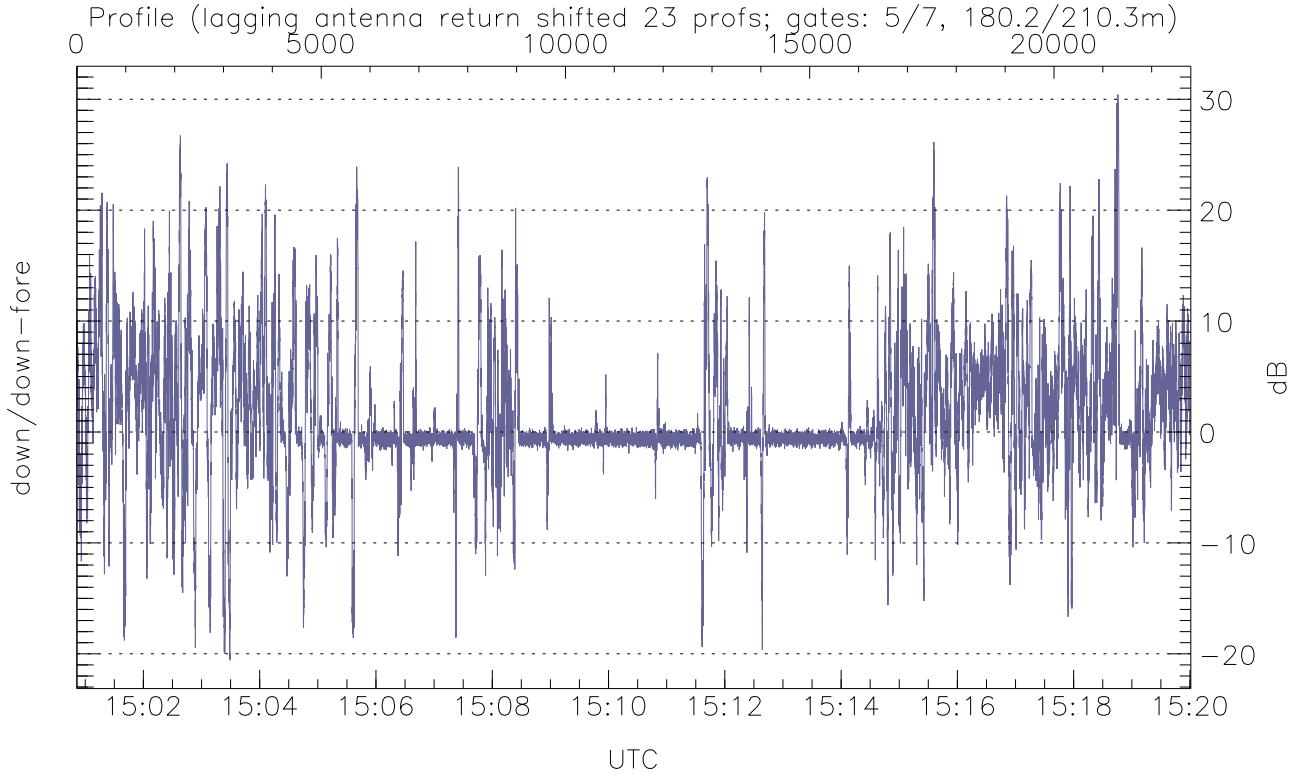
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

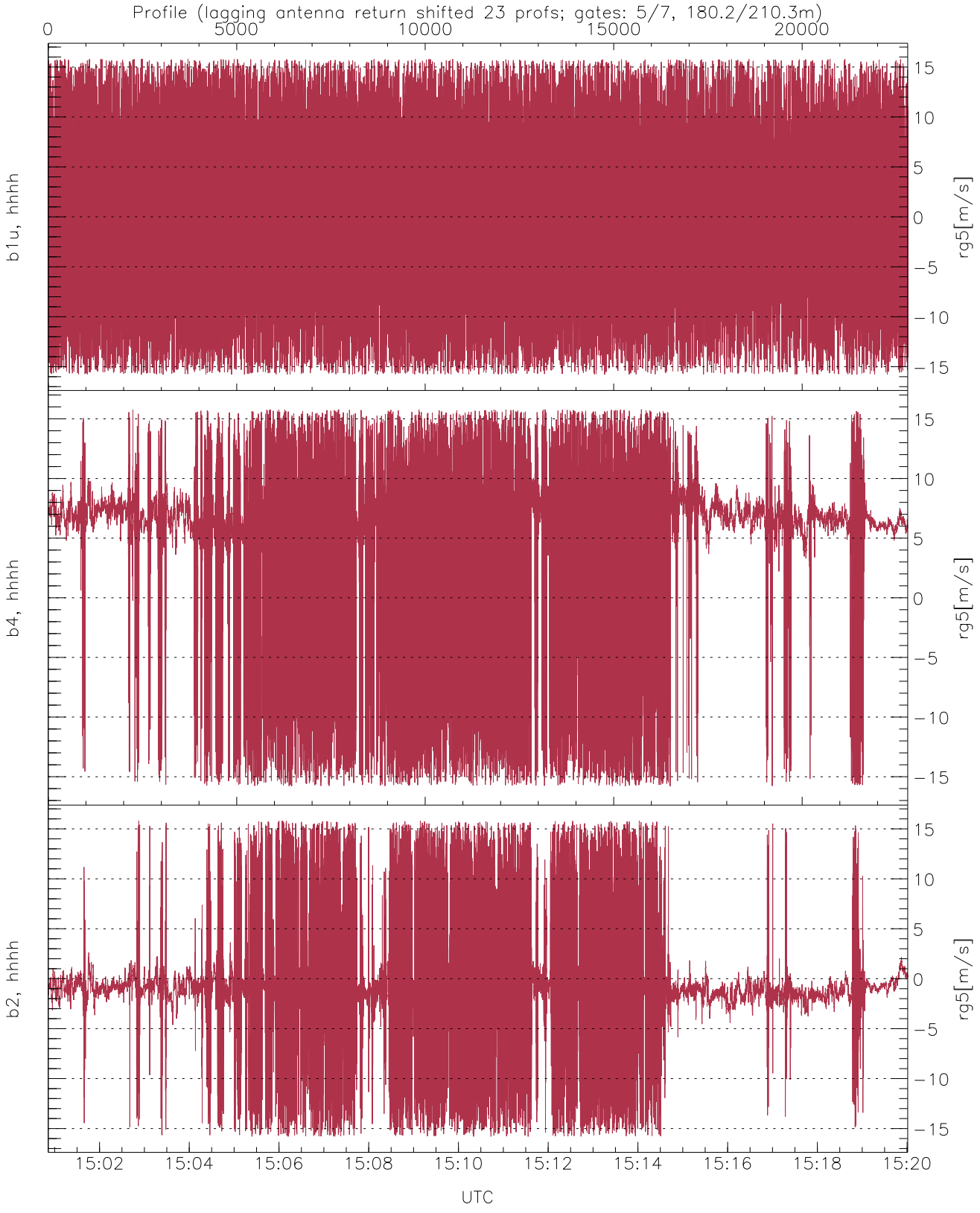
	Min	Max	Mean
up(hh[dBm])	-63.56	-61.48	-62.55
down-fore(hh[dBm])	-62.98	-26.12	-44.59
down(hh[dBm])	-63.76	-19.06	-39.89





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-43.63	1.45	-9.10
down/down-fore(dB)	-20.58	30.43	1.56



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.19	8.68
b4, hhhh(rg5[m/s])	-15.80	15.79	3.27	7.47
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.73	5.91